

# System and Method for Integrated Wireless WAN/LAN Location of a Device

## Abstract

Techniques for location tracking of devices having both wireless WAN and wireless LAN capability. A device with this dual communication capability may be triggered to initiate a wireless LAN location procedure in response to receiving a wireless WAN signal. The request for initiating the location process may be a user of the device itself, or any third party desiring knowledge about the location of the device. This process exploits the advantages of the wireless LAN location capabilities to use the wireless LAN link for accurate in-building location. Any location technique useful in a wireless LAN environment may be employed. The system and method are useful to locate any individual or object that is carrying or is tagged with device having wireless WAN and wireless LAN connectivity.